

Rec'd PCT/PTO 10 DEC 2004

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau



(43) International Publication Date
31 December 2003 (31.12.2003)

PCT

(10) International Publication Number
WO 2004/002106 A3

(51) International Patent Classification⁷: H04L 29/06

(21) International Application Number:
PCT/EP2003/006209

(22) International Filing Date: 11 June 2003 (11.06.2003)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
02291523.5 19 June 2002 (19.06.2002) EP

(71) Applicant (for all designated States except US): MOTOROLA INC [US/US]; 1303 E.Algonquin Road, Schaumburg, IL 60196 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): JANNETEAU, Christophe [FR/FR]; Motorola Centre De Recherche, Parc Technologique De St Aubin, Route de l'arme Au Merisier, Immeuble Columbia, F-91190 Gif-Sur-Yvette (FR). OLIVEREAU, Alexis [FR/FR]; Motorola Centre De Recherche, Parc Technologique De St Aubin, Route

de l'arme Au Merisier, Immeuble Columbia, F-91190 Gif-Sur-Yvette (FR). PETRESCU, Alexandru [FR/FR]; Motorola Centre De Recherche, Parc Technologique De St Aubin, Route de l'arme Au Merisier, Immeuble Columbia, F-91190 Gif-Sur-Yvette (FR). LACH, Hong-Yon [FR/FR]; Motorola Centre De Recherche, Parc Technologique De St Aubin, Route de l'arme Au Merisier, Immeuble Columbia, F-91190 Gif-Sur-Yvette (FR).

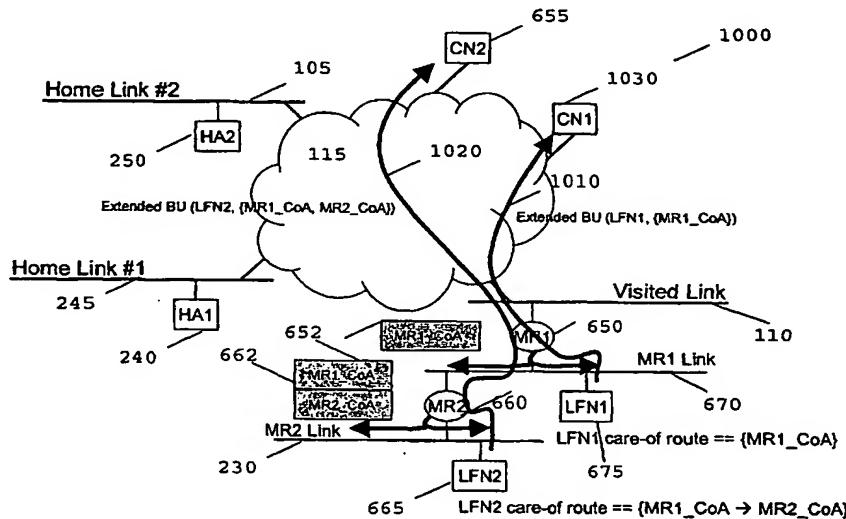
(74) Agent: MCCORMACK, Derek; Motorola European Intellectual, Property Operations, Midpoint, Alencon Link, Basingstoke, Hampshire RG21 7PL (GB).

(81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE,

[Continued on next page]

(54) Title: METHOD AND APPARATUS FOR ROUTE OPTIMISATION IN NESTED MOBILE NETWORKS



(57) **Abstract:** A method of transmitting a data packet on a communication path from a first communication node (CN1, CN2) to a second communication node (LFN1, LFN2) in a mobile network (115). The method includes receiving a route message (1010, 1020) from the second communication node, wherein the route message includes a list of intermediary addresses ({MR1-COA}, {MR1-COA, MR2-COA}) between the first communication node and the second communication node. A preferred communication path is generated in response to the list of intermediary addresses; and at least one data packet is transmitted from the first communication node to the second communication node via this preferred communication path. In this matter, an optimised data path is determined in order to send at least one data packet to an intended recipient (LFN1, LFN2), for example in a nested mobile network scenario.

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